

CLAIM AMENDMENTS

Please amend the claims as follows so that a listing of the entire set of pending claims 1-26 reads as follows:

1. (Cancelled)
2. (Currently Amended) ~~The method of claim 1, further comprising:~~
A method for processing directory events using in a computer, comprising:
operating a directory service provider server to perform a data manipulation within a master directory database;
operating an event master server to assign a sequence number to said data manipulation; and
operating said event master server to store said sequence number within said master directory database;
operating said event master server to provide an event message to an event service server, said event message including said sequence number and an event notification;
operating said master database to replicate said sequence number to a replicate directory database; and
operating said event service server to provide said event notification to an event client server in response to said replication of said sequence number to said replicate directory database.
3. (Original) The method of claim 2, further comprising:
operating said event client server to provide said event notification to at least one directory client registered to receive said event notification.

4. (Cancelled)

5. (Previously Presented) A method for processing directory events ~~using~~ in a computer, comprising:

operating a master database to replicate a data manipulation and a sequence number to a replicate directory database, said sequence number corresponding to an event notification; and

operating an event service server to provide said event notification to an event client server in response to said replication of said sequence number to said replicate directory database

operating said event client server to provide said event notification to at least one directory client registered to receive said event notification.

6-14. (Cancelled)

15. (Previously Presented) A system, comprising:
- a master directory database configured to store data;
 - a directory service provider server configured to manipulate said data;
 - an event master server configured to assign a first sequence number to any manipulation of said data within said master directory database by said directory service provider server, wherein said event master server is further configured to store said first sequence number within said master directory database;
 - a replicate directory database configured to store said data, wherein said master directory database is further configured to replicate said data and a second sequence number to said replicate directory database;
 - an event service server configured to poll said replicate directory database for said second sequence number in response to said first sequence number from said event master server;
 - a directory client; and
 - an event client server configured to provide an event notification to said directory client, wherein said event service server is further configured to provide said event notification to said event client server when said first sequence number is less than or equal to said second sequence number.

16-18. (Cancelled)

19. (Previously Presented) A system, comprising:
an event master server configured to assign a sequence number to a manipulation of a data within a master directory database;
an event service server configured to determine said sequence number being stored within a replicate directory database; and
an event client server configured to provide an event notification to at least one directory client when said sequence number is being stored within said replicated directory database, said event notification corresponding to said manipulation of said data.
20. (Cancelled)
21. (Cancelled)
22. (Previously Presented) A system comprising:
one or more directory service providers configured to manipulate data stored in at least one master directory database, each data manipulation assigned a sequence number by an event master server and each data manipulation replicated to at least one replicate directory database based on the assigned sequence number; and
an event client server configured to notify at least one directory client based on the replication to each replicate directory database wherein the directory service provider and a directory event system are linked only by a queue.
23. (Previously Presented) The system of claim 22 wherein the queue stores modification messages, such that when a modification message is stored in the queue, an event message provider assigns a sequence number to the modification message, wherein the sequence number serves as a marker indicating that the corresponding manipulated data from the master directory database is stored within each replicate directory database.

24. (Previously Presented) The system of claim 23 wherein the event message provider provides an event message to the event service server, the event message including an event notification comprising the modification message or an edited version of the modification message, the event message further including the sequence number.

25. (Previously Presented) The system of claim 24 further comprising a replicate data monitor, the replicate data monitor configured to poll the replicate directory database for the maximum sequence number, the replicate data monitor further configured to compare the maximum sequence number to a current sequence number to determine whether the current sequence number is equal to or less than the maximum sequence number, and the replicate data monitor configured to provide an event notification to the event client server when the current sequence number is equal to the maximum sequence number.

26. (Previously Presented) A system comprising:
one or more directory service providers configured to manipulate data stored in at least one master directory database, each data manipulation assigned a sequence number by an event master server and each data manipulation replicated to at least one replicate directory database based on the assigned sequence number;

an event client server configured to notify at least one directory client based on the replication to each replicate directory database; and

further comprising a directory client register, wherein the directory client register is configured to allow each directory client to selectively register for one or more event services.